

MAY 28 2004

OFFICIAL

**DINNIN & DUNN, P.C.**

ATTORNEYS AND COUNSELORS

2701 CAMBRIDGE COURT

SUITE 500

AUBURN HILLS, MICHIGAN 48326

(248) 364-2100

TELEFACSIMILE (248) 364-2200

E-MAIL DINNINDUNN@AOL.COM

WEBSITE WWW.DINNINDUNN.COM

ROBERT A. DUNN  
MICHAEL T. RAGGIO

KURT L. VANVOORHIES, PH.D., P.E.  
(REGISTERED PATENT AGENT)

JONATHAN F. YATES

MICHAEL R. DINNIN  
LYMAN R. LYON

(1928-2000)

LLOYD M. FORSTER  
(1918-1993)

SPECIALIZING IN  
INTELLECTUAL PROPERTY LAW;  
PATENT, TRADEMARK, COPYRIGHT,  
AND TECHNOLOGY RELATED CAUSES

**FACSIMILE COVER SHEET**

To: USPTO Mail Stop DD / Group 2858

FAX #: 703-872-9306

From: Kurt L. VanVoorhies

Date: 28 May 2004

Total number of pages (including cover sheet) : 19

Message:

**In re Application of:**

James Gregory Stanley et al.

Serial No.: 10/707,238

Filed: 30 November 2003

For: OCCUPANT SENSOR

Group: 2858

Examiner: Nancy V. LE

Attorney Docket No.: 5701-02263

**Facsimile Contents:**

1. Transmittal - 1 page;
2. INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97(b)(3) and 1.98(d)(1) - 2 pages;
3. FORM PTO-1449 - 15 pages; and
4. Certificate of Mailing (on items 1 and 2).

**PRIVILEGED and CONFIDENTIAL:** The information contained in this transmission is intended only for the use of the addressee(s) named above. If the reader of this message is not the named addressee, or the addressee's agent or employee responsible for delivering the message to the addressee(s), please note that any dissemination, distribution or copying of this communication is strictly prohibited. Anyone who receives this communication in error should notify us immediately by telephone (collect if necessary) at the number listed above and return the original message to us via U.S. Mail.

PTO/5B/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/707,238	
	Filing Date	30 November 2003	
	First Named Inventor	James Gregory STANLEY et al.	
	Art Unit	2858	
	Examiner Name	Nancy V. LE	
Total Number of Pages in This Submission	18	Attorney Docket Number	5701-02263

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Kurt L. VanVoorhies, Dinnin & Dunn, P.C.
Signature	<i>Kurt L. VanVoorhies</i>
Date	28 May 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Kurt L. VanVoorhies		
Signature	<i>Kurt L. VanVoorhies</i>	Date	28 May 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Application Serial N : 10/707,238  
Information Disclosure Statement submitted 28 May 2004

Attorney Docket No: 5701-0226

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re Application of:**

James Gregory Stanley et al.

Group: 2858

Serial No.: 10/707,238

Examiner: Nancy V. LE

Filed: 30 November 2003

Attorney Docket No.: 5701-02263

For: OCCUPANT SENSOR

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97(b)(3) and 1.98(d)(1)**

28 May 2004

Mail Stop DD

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Applicant submits this Statement in accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(b)(3), i.e., filing the statement before the mailing date of a first Office action on the merits.

**Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted Under 37 C.F.R. §1.98(d)(1)**

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. 09/866,885, filed on 29 May 2000, now U.S. Patent No. 6,703,845.

Enclosed herewith is the List of References Cited by Applicant (PTO-1449). These references were submitted to, and/or cited by, the Office in the prior applications and, therefore, are not required to be provided in this application.

**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. section 1.8(a))**

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

- ☐ deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**FACSIMILE**

☒ transmitted by facsimile to the Patent and Trademark Office to FAX number 703-872-9306.

  
Signature

Date: 28 May 2004

Kurt L. VanVoorhies  
(type or print name of person certifying)

Applicati n Serial No.: 10/707,238  
Information Disclosure Statement submitted 28 May 2004

Attorn y Docket No: 5701-0226

As all the references listed on attached Form PTO-1449 are in English, under 37 C.F.R. §1.98(a)(3), no further commentary is believed to be necessary. Applicant respectfully solicits the Examiner's consideration of the cited references and entry thereof into the record of this application.

Applicant, by submitting this Information Disclosure Statement, is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Information Disclosure Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, is otherwise "material to patentability," as that term is defined in that section.

Respectfully submitted,



Kurt L. VanVoorhies  
Registration No. 38,643  
Phone: 248-364-2100  
Facsimile: 248-364-2200

Dinnin & Dunn, P.C.  
2701 Cambridge Court, Suite 500  
Auburn Hills, MI 48326  
5701-02263  
28 May 2004

Enclosure

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 5701-02263		SERIAL NO. 10/707,238		Page 1	
				APPLICANT James Gregory STANLEY et al.					
				FILING DATE 30 November 2003			28 May 2004		
U. S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE		
	AA	3,111,608	11-1963	Boenning et al.	361	179			
	AB	3,177,481	04-1965	Joy et al.	246	167R			
	AC	3,237,105	02-1966	Kalmus	340	562			
	AD	3,324,848	06-1967	Domeier et al.	600	535			
	AE	3,439,358	04-1969	Salmons	340	552			
	AF	3,740,567	06-1973	Atkins	307	10 SB			
	AG	3,806,867	04-1974	Quantz	340	52E			
	AH	3,898,472	08-1975	Long	307	10 SB			
	AI	3,943,376	03-1976	Long	307	116			
	AJ	4,008,712	02-1977	Nyboer	128	2.1Z			
	AK	4,300,116	11-1981	Stahovec	340	32			
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No		
	AL	EP 1066178 B1	05-2002	EPO					
	AM								
	AN								
	AO								
	AP								
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
	AR	Fink, Donald G. and Beaty, H. W.; Standard Handbook for Electrical Engineers 12th ed., McGraw-Hill Book Co, 1987, pp. 3-57 through 3-65							
	AS	Smith, J.R.; "Field Mice: Extracting hand geometry from electric field measurements", IBM Systems Journal, Vol. 35. NOS. 3&4, 1996.							
	AT	Reference Data for Engineers: Radio, Electronics, Computer, and Communications 7th edition, E.C. Jordon editor in chief, Howard W. Sams, 1985, pp. 12-3 through 12-12							
EXAMINER				DATE CONSIDERED					
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

WSF17.73a

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 5701-02263		SERIAL NO. Page 2 10/707,238	
				APPLICANT James Gregory STANLEY et al.			
				FILING DATE 30 November 2003		28 May 2004	
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	BA	4,430,645	02-1984	Eskandry et al.	340	572	
	BB	4,586,260	05-1986	Baxter et al.	33	125	
	BC	4,766,368	08-1988	Cox	324	688	
	BD	4,796,013	01-1989	Yasuda et al.	340	562	
	BE	4,831,279	05-1989	Ingraham	307	116	
	BF	4,833,393	05-1989	Wetzel	324	678	
	BG	4,853,617	08-1989	Douglas et al.	324	67	
	BH	4,887,024	12-1989	Sugiyama et al.	324	674	
	BI	4,911,175	03-1990	Shizgal	128	734	
	BJ	4,947,862	08-1990	Kelly	600	547	
	BK	4,980,519	12-1990	Mathews	178	19	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	BL						
	BM						
	BN						
	BO						
	BP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	BR	H. Philipp, "The Charge Transfer Sensor", Sensors magazine, November, 1996					
	BS	Jinno K.; Ofuji, M.; Saito, T.; Sekido, S.; "Occupant Sensing Utilizing Perturbation of Electric Fields", SAE 971051, Reprinted from: Anthropomorphic Dummies and Crash Instrumentation Sensors (SP-1261), SAE International Congress & Exposition, Detroit, MI Feb. 24-27, 1997					
	BT						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO.		SERIAL NO.		Page 3			
				5701-02263		10/707,238					
				APPLICANT							
				James Gregory STANLEY et al.							
				FILING DATE		FILING DATE					
				30 November 2003		28 May 2004					
U. S. PATENT DOCUMENTS											
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE				
	CA	5,071,180	12-1991	White et al.	280	735					
	CB	5,074,583	12-1991	Fujita et al.	280	735					
	CC	5,118,134	06-1992	Mattes et al.	280	735					
	CD	5,181,820	11-1992	Vollmer	280	730					
	CE	5,164,709	11-1992	Lamberty et al.	340	667					
	CF	5,166,679	11-1992	Vranish et al.	340	870.37					
	CG	5,177,445	01-1993	Cross	324	637					
	CH	5,214,388	05-1993	Vranish et al.	324	683					
	CI	5,229,579	07-1993	Ingraham et al.	219	202					
	CJ	5,231,358	07-1993	Kapsokavathis et al.	324	672					
	CK	5,232,243	08-1993	Blackburn et al.	280	732					
FOREIGN PATENT DOCUMENTS											
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No				
	CL										
	CM										
	CN										
	CO										
	CP										
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)											
	CR										
	CS										
	CT										
EXAMINER					DATE CONSIDERED						
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.											

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 5701-02263		SERIAL NO. Page 4 10/707,238	
				APPLICANT James Gregory STANLEY et al.			
				FILING DATE 30 November 2003		28 May 2004	
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	DA	5,247,281	09-1993	Gershenfeld	324	716	
	DB	5,247,281	09-1993	Facon et al.	340	562	
	DC	5,330,226	07-1994	Gentry et al.	280	735	
	DD	5,363,051	11-1994	Jenstrom et al.	324	661	
	DE	5,366,241	11-1994	Kithill	280	735	
	DF	5,372,141	12-1994	Gallup et al.	172	734	
	DG	5,373,245	12-1994	Vranish	324	662	
	DH	5,398,185	03-1995	Omura	364	424.05	
	DI	5,411,289	05-1995	Smith et al.	280	735	
	DJ	5,413,378	05-1995	Steffens, Jr. et al.	280	735	
	DK	5,416,425	05-1995	Mouaici	324	690	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	DL						
	DM						
	DN						
	DO						
	DP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	DR						
	DS						
	DT						
EXAMINER				DATE CONSIDERED			
<small>* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							



Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 5701-02263		SERIAL NO. Page 5 10/707,238	
				APPLICANT James Gregory STANLEY et al.			
				FILING DATE 30 November 2003		28 May 2004	
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	EA	5,436,613	07-1995	Ghosh et al.	340	573.1	
	EB	5,437,184	08-1995	Shillady	73	304C	
	EC	5,439,249	08-1995	Steffens, Jr. et al.	280	735	
	ED	5,442,347	08-1995	Vranish	340	870.37	
	EE	5,446,391	08-1995	Aoki et al.	324	661	
	EF	5,446,661	08-1995	Gloutsos et al.	384	424.05	
	EG	5,454,591	10-1995	Mazur et al.	280	735	
	EH	5,469,364	11-1995	Hughey et al.	702	65	
	EI	5,474,327	12-1995	Schousek	280	735	
	EJ	5,482,314	01-1996	Corrado et al.	280	735	
	EK	5,490,069	02-1996	Gloutsos et al.	280	735	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	EL						
	EM						
	EN						
	EO						
	EP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	ER						
	ES						
	ET						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809, Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 5701-02263		SERIAL NO. Page 10/707,238	
				APPLICANT James Gregory STANLEY et al.			
				FILING DATE 30 November 2003		28 May 2004	
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	FA	5,494,311	02-1996	Blackburn et al.	280	735	
	FB	5,515,933	05-1996	Meyer et al.	180	273	
	FC	5,525,843	06-1996	Howing	307	9.1	
	FD	5,539,292	07-1996	Vranish	318	568.21	
	FE	5,570,903	11-1996	Meister et al.	280	735	
	FF	5,573,269	11-1996	Gentry et al.	280	735	
	FG	5,602,734	02-1997	Kithil	364	424.055	
	FH	5,612,876	03-1997	Zeidler et al.	364	424.055	
	FI	5,618,056	04-1997	Schoos et al.	280	735	
	FJ	5,624,132	04-1997	Blackburn et al.	280	735	
	FK	5,626,359	05-1997	Steffens, Jr. et al.	280	735	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	FL						
	FM						
	FN						
	FO						
	FP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	FR						
	FS						
	FT						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 5701-02263		SERIAL NO. Page 7 10/707,238	
				APPLICANT James Gregory STANLEY et al.			
				FILING DATE 30 November 2003		28 May 2004	
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	GA	5,636,864	06-1997	Hori	280	735	
	GB	5,654,643	08-1997	Bechtel et al.	324	687	
	GC	5,672,976	09-1997	Egger et al.	324	668	
	GD	5,691,693	11-1997	Kithil	340	439	
	GE	5,722,686	03-1998	Blackburn et al.	280	735	
	GF	5,724,024	03-1998	Sonderegger et al.	340	562	
	GG	5,726,581	03-1998	Vranish	324	688	
	GH	5,730,165	03-1998	Philipp	137	1	
	GI	5,748,473	05-1998	Breed et al.	364	424.055	
	GJ	5,770,997	06-1998	Kleinberg et al.	280	235	
	GK	5,793,176	08-1998	Novak	318	587	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	GL						
	GM						
	GN						
	GO						
	GP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	GR						
	GS						
	GT						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809, Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 5701-02263		SERIAL NO. Page 8 10/707,238	
				APPLICANT James Gregory STANLEY et al.			
				FILING DATE 30 November 2003		28 May 2004	
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	HA	5,802,479	09-1998	Kithll et al.	701	45	
	HB	5,822,707	10-1998	Breed et al.	701	49	
	HC	5,838,233	11-1998	Hawes et al.	340	572	
	HD	5,844,415	12-1998	Gershenfeld et al.	324	663	
	HE	5,844,486	12-1998	Kithil et al.	340	573	
	HF	5,848,661	12-1998	Fu	180	273	
	HG	5,864,295	01-1999	Jarocho	340	667	
	HH	5,871,232	02-1999	White	280	735	
	HI	5,883,591	03-1999	McEwan	342	22	
	HJ	5,890,085	03-1999	Corrado et al.	701	47	
	HK	5,894,207	04-1999	Goings	318	47B	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	HL						
	HM						
	HN						
	HO						
	HP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	HR						
	HS						
	HT						
EXAMINER				DATE CONSIDERED			
<p>* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 5701-02263		SERIAL NO. <span style="float: right;">Page 9</span> 10/707,238	
				APPLICANT James Gregory STANLEY et al.			
				FILING DATE 30 November 2003		28 May 2004	
				U. S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	IA	5,913,536	06-1999	Brown	280	730.2	
	IB	5,914,610	06-1999	Gershenfeld et al.	324	663	
	IC	5,948,031	09-1999	Jinno et al.	701	45	
	ID	5,961,144	10-1999	Desmarais	280	731	
	IE	5,964,478	10-1999	Stanley et al.	280	735	
	IF	6,014,602	01-2000	Kithil et al.	701	45	
	IG	6,024,378	02-2000	Fu	280	735	
	IH	6,031,380	02-2000	Gleixner et al.	324	683	
	II	6,043,736	03-2000	Sawahata et al.	340	438	
	IJ	6,043,743	03-2000	Saito et al.	340	562	
	IK	6,066,954	05-2000	Gershenfeld et al.	324	671	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	IL						
	IM						
	IN						
	IO						
	IP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	IR						
	IS						
	IT						
EXAMINER				DATE CONSIDERED			
<small>* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 5701-02263		SERIAL NO. Page 10 10/707,238	
				APPLICANT James Gregory STANLEY et al.			
				FILING DATE 30 November 2003		28 May 2004	
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	JA	6,079,738	06-2000	Lotito et al.	280	735	
	JB	6,094,610	07-2000	Steffens, Jr. et al.	701	45	
	JC	6,135,494	10-2000	Lotito et al.	280	731	
	JD	6,140,622	10-2000	Goings et al.	219	506	
	JE	6,142,513	11-2000	Schoos et al.	280	735	
	JF	6,158,768	12-2000	Steffens, Jr. et al.	280	735	
	JG	6,161,070	12-2000	Jinno et al.	701	45	
	JH	6,170,866	01-2001	Popp et al.	280	735	
	JI	6,186,538	02-2001	Hamada et al.	280	735	
	JJ	6,199,901	03-2001	Iizuka	280	735	
	JK	6,199,904	03-2001	Dodsall	280	735	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	JL						
	JM						
	JN						
	JO						
	JP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	JR						
	JS						
	JT						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 5701-02263		SERIAL NO. Page 11 10/707,238	
				APPLICANT James Gregory STANLEY et al.			
				FILING DATE 30 November 2003		28 May 2004	
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	KA	6,208,249	03-2001	Saito et al.	340	561	
	KB	6,224,095	05-2001	Schifflechner	280	735	
	KC	6,242,701	08-2001	Breed et al.	177	144	
	KD	6,253,133	08-2001	Sakai et al.	701	45	
	KE	6,255,780	07-2001	Popp et al.	318	280	
	KF	6,260,879	07-2001	Stanley	280	735	
	KG	6,263,271	07-2001	Oka et al.	701	45	
	KH	6,270,114	08-2001	Mai et al.	280	735	
	KI	6,275,146	08-2001	Kithil	340	425.5	
	KJ	6,283,504	09-2001	Stanley et al.	280	735	
	KK	6,310,407	10-2001	Saito et al.	307	10.1	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	KL						
	KM						
	KN						
	KO						
	KP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	KR						
	KS						
	KT						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 5701-02263		SERIAL NO. Page 12 10/707,238	
				APPLICANT James Gregory STANLEY et al.			
				FILING DATE 30 November 2003		28 May 2004	
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	LA	6,325,413	12-2001	Saito et al.	280	735	
	LB	6,329,913	12-2001	Shieh et al.	340	561	
	LC	6,329,914	12-2001	Shieh et al.	340	561	
	LD	6,335,684	01-2002	Eisenmann et al.	340	562	
	LE	6,348,862	02-2002	McDonnell et al.	340	562	
	LF	6,356,187	03-2002	Jinno et al.	340	438	
	LG	6,356,194	03-2002	Fukui et al.	340	561	
	LH	6,366,200	04-2002	Aoki	340	438	
	LI	6,378,900	04-2002	Stanley et al.	280	735	
	LJ	6,392,542	05-2002	Stanley	340	561	
	LK	6,404,074	06-2002	Saito et al.	307	10.1	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	LL						
	LM						
	LN						
	LO						
	LP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	LR						
	LS						
	LT						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 5701-02263		SERIAL NO. Page 13 10/707,238	
APPLICANT James Gregory STANLEY et al.							
FILING DATE 30 November 2003						28 May 2004	
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	MA	6,424,268	07-2002	Isonaga et al.	340	667	
	MB	6,442,504	08-2002	Breed et al.	702	173	
	MC	6,445,294	09-2002	McDonnell et al.	340	562	
	MD	6,445,988	09-2002	Breed et al.	701	45	
	ME	6,452,870	09-2002	Breed et al.	367	99	
	MF	6,459,973	10-2002	Breed et al.	701	45	
	MG	6,490,515	12-2002	Okamura et al.	701	49	
	MH	6,517,106	02-2003	Stanley et al.	280	735	
	MI	6,520,535	02-2003	Stanley et al.	280	735	
	MJ	6,563,231	05-2003	Stanley et al.	307	10.1	
	MK	6,577,023	08-2003	Stanley et al.	307	10.1	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	ML						
	MM						
	MN						
	MO						
	MP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	MR						
	MS						
	MT						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 5701-02263		SERIAL NO. Page 14 10/707,238	
APPLICANT James Gregory STANLEY et al.							
FILING DATE 30 November 2003						28 May 2004	
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	NA	2001/0013697	08-2001	Saito et al.	280	735	
	NB	2001/0026162	10-2001	Nagai et al.	324	687	
	NC	2002/0000754	01-2002	Saito et al.	307	10.1	
	ND	2002/0018000	02-2002	Jinno et al.	340	667	
	NE	2002/0038947	04-2002	Baba et al.	280	735	
	NF	2002/0039029	04-2002	Karray et al.	324	662	
	NG	2002/0059022	05-2002	Breed et al.	701	45	
	NH	2002/0096869	07-2002	Kai et al.	280	735	
	NI	2002/0125050	09-2002	Breed et al.	177	136	
	NJ	2002/0125051	09-2002	Aoki	177	144	
	NK	2002/0140215	10-2002	Breed et al.	280	735	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	NL						
	NM						
	NN						
	NO						
	NP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	NR						
	NS						
	NT						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

WSF17.73a

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 5701-02263		SERIAL NO. Page 15 10/707,238	
				APPLICANT James Gregory STANLEY et al.			
				FILING DATE 30 November 2003		28 May 2004	
				U. S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FLING DATE IF APPLICABLE
	OA	2002/0167486	11-2002	Tan et al	345	156	
	OB	2003/0002690	01-2003	Breed et al.	381	86	
	OC	2003/0004628	01-2003	Rennaker et al.	701	45	
	OD	2003/0005775	01-2003	Washleski et al.	73	780	
	OE	2003/0009270	01-2003	Breed	701	29	
	OF	2003/0009273	01-2003	Stanley et al.	701	45	
	OG						
	OH						
	OI						
	OJ						
	OK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	OL						
	OM						
	ON						
	OO						
	OP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	OR						
	OS						
	OT						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

WSF17.73a